Invoice

Moffatt & Nichol P.O. Box 22648 Long Beach, CA 90801-5648 Phone: (562) 590-6500

September 26, 2012 Invoice No: 622

62273

Robert Law De Maximis Inc.

186 Center Street, Suite 290 Clinton, NJ 08809

Project	6664	Lower Passaic River Restoration Modeling Work - Initial Tasks				
Professional Ser	vices from July	29, 2012 to August 25, 2012	_			
Phase		LPR/NB RI/FS Modeling I	Program TOI	M5		
Task Professional Per	01 sonnel	Project Management				
			Hours	Rate	Amount	
Engineer/Scientist Canizares, Rat			34.00	185.00	6,290.00	
Totals			34.00	100.00	6,290.00	
Total Labor						6,290.00
				Total th	nis Task	\$6,290.00
Task Professional Pe r	02 sonnel	Data Analysis & Monitorin	g Design Co	pordination for Us	e In Numberical Mod	del
Facility and Octobridate	ш		Hours	Rate	Amount	
Engineer/Scientist Mathew, Roon Support Staff Eng	i		21.00	164.00	3,444.00	
Manian, Dinesl	h		24.00	90.00	2,160.00	
Chibisova, Yel	ena		51.00	96.00	4,896.00	
Totals Total Labor			96.00		10,500.00	10,500.00
				Total th	nis Task	\$10,500.00
Task Professional Per	03 sonnel	System Understanding				
Fiolessional Fer	Some		Hours	Rate	Amount	
Support Staff Eng Manian, Dinesl			72.00	90.00	6,480.00	
Totals	1		72.00	90.00	6,480.00	
Total Labor						6,480.00
				Total th	nis Task	\$6,480.00
Task	04	LPR/NB Hydrodynamic M	odeling			
Professional Per	sonnel		-			
Engineer/Scientist	Ш		Hours	Rate	Amount	
Canizares, Rat			16.00	185.00	2,960.00	
Totals Total Labor			16.00		2,960.00	2,960.00
						_,

		Total t	his Task	\$2,960.00
Task 05 Professional Personnel	LPR/NB Sediment Transport Modeling			
- · · · · · · · · · · · · · · · · · · ·	Hours	Rate	Amount	
Engineer/Scientist II Mathew, Rooni Support Staff Engineer	31.00	164.00	5,084.00	
Manian, Dinesh	64.00	90.00	5,760.00	
Totals Total Labor	95.00		10,844.00	10,844.00
		Total t	his Task	\$10,844.00
Task 07 Professional Personnel	LPR/NB Contaiminant Fate and Transpo	ort Modeling		
Tu min a au (Caian tiat III	Hours	Rate	Amount	
Engineer/Scientist II Mathew, Rooni Staff Engineer/Scientist	86.50	164.00	14,186.00	
Xiong, Yi	160.00	114.00	18,240.00	
Totals Total Labo r	246.50		32,426.00	32,426.00
		Total t	his Task	\$32,426.00
Task 08 Professional Personnel	Developing LPR/NB Modeling TOM3 So	DW, Schedule	and Budget	
	Hours	Rate	Amount	
Engineer/Scientist III Canizares, Rafael Engineer/Scientist II	22.00	185.00	4,070.00	
Mathew, Rooni	11.00	164.00	1,804.00	
Totals Total Labor	33.00		5,874.00	5,874.00
		Total t	his Task	\$5,874.00
Task 10	Computer Support			
Professional Personnel	Hours	Rate	Amount	
Engineer/Scientist II				
Mathew, Rooni Fotals	8.50 8.50	164.00	1,394.00 1,394.00	
Гotal Labor	3.30		1,004.00	1,394.00
		Total t	\$1,394.00	
		Total thi	s Phase	\$76,768.00

Please remit payment of this invoice to:

Moffatt & Nichol ABA #121000248 Account #4159349729 Wells Fargo Bank 111 W. Ocean Blvd., Suite 300 Long Beach, CA 90802 USA TOTAL THIS INVOICE

\$76,768.00

Project	6664	Lower Passaic River F	Restoration		Invoice	62273
Billing	Backup					
Moffatt & Nic	chol					
		Invoid	e 62273 Da	ted 9/26/2012		
Project	6664	Lower Passaic F	River Restor	ation Modeling W	ork - Initial Tasks	
Phase		LPR/NB RI/FS Modeling	Program To	OM5		
Task	01	Project Management				
Professiona		r roject Management				
Fiolessiona	ii Fersonnei		Hours	Rate	Amount	
Engineer/Sci	ientist III		Hours	Nate	Amount	
1548	Canizares, Rafael	8/11/2012	4.00	185.00	740.00	
1548	Canizares, Rafael	8/11/2012	12.00	185.00	2,220.00	
1548	Canizares, Rafael	8/18/2012	3.00	185.00	555.00	
1548	Canizares, Rafael	8/18/2012	1.00	185.00	185.00	
1548	Canizares, Rafael	8/18/2012	2.00	185.00	370.00	
1548	Canizares, Rafael	8/25/2012	12.00	185.00	2,220.00	
Totals			34.00		6,290.00	
Total Labor						6,290.00
				Total t	his Task	\$6,290.00
Task	02	Data Analysis & Monitor	ng Design C	Coordination for U	se In Numberical M	odel
Professiona	l Personnel					
			Hours	Rate	Amount	
Engineer/Sci						
2219	Mathew, Rooni	8/4/2012	2.00	164.00	328.00	
2219	Mathew, Rooni	8/4/2012	2.50	164.00	410.00	
2219	Mathew, Rooni	8/18/2012	3.00	164.00	492.00	
2219	Mathew, Rooni	8/18/2012	2.00	164.00	328.00	
2219 2219	Mathew, Rooni	8/18/2012	5.00 .50	164.00 164.00	820.00	
2219	Mathew, Rooni	8/25/2012 8/25/2012	5.00	164.00	82.00 820.00	
2219	Mathew, Rooni Mathew, Rooni	8/25/2012	1.00	164.00	164.00	
Support Staf	,	0/23/2012	1.00	104.00	104.00	
2301	Manian, Dinesh	8/4/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/4/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/4/2012	8.00	90.00	720.00	
CADD II	,					
2335	Chibisova, Yelena	8/4/2012	38.00	96.00	3,648.00	
2335	Chibisova, Yelena	8/18/2012	13.00	96.00	1,248.00	
Totals			96.00		10,500.00	
Total Labor						10,500.00
				Total t	his Task	\$10,500.00
Task	03	System Understanding				
	I Personnel	System Onderstanding				
			Hours	Rate	Amount	
Support Staf						
2301	Manian, Dinesh	8/11/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/11/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/11/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/18/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/18/2012	16.00	90.00	1,440.00	
2301	Manian, Dinesh	8/18/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/25/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/25/2012	8.00	90.00	720.00	
Totals			72.00		6,480.00	

Total Labor

6,480.00

		<u></u>				
Task	04	LPR/NB Hydrodynami	c Modeling			
Professiona	I Personnel				_	
Engineer/Sei	iontiat III		Hours	Rate	Amount	
Engineer/Sci 1548	entist III Canizares, Rafael	8/4/2012	4.00	185.00	740.00	
1548	Canizares, Rafael	8/4/2012	8.00	185.00	1,480.00	
1548	Canizares, Rafael	8/11/2012	4.00	185.00	740.00	
Totals			16.00		2,960.00	
Total Labor						2,960.00
				Total t	his Task	\$2,960.00
Task	05	LPR/NB Sediment Tra	insport Modeling	9		
Professiona	l Personnel					
F==:====(C=:	inmaina II		Hours	Rate	Amount	
Engineer/Sci 2219	Mathew, Rooni	8/4/2012	2.00	164.00	328.00	
2219	Mathew, Rooni	8/4/2012	1.00	164.00	164.00	
2219	Mathew, Rooni	8/4/2012	1.00	164.00	164.00	
2219	Mathew, Rooni	8/4/2012	1.50	164.00	246.00	
2219	Mathew, Rooni	8/4/2012	2.00	164.00	328.00	
2219	Mathew, Rooni	8/11/2012	1.00	164.00	164.00	
2219	Mathew, Rooni	8/11/2012	4.00	164.00	656.00	
2219	Mathew, Rooni	8/11/2012	2.00	164.00	328.00	
2219	Mathew, Rooni	8/11/2012	2.00	164.00	328.00	
2219 2219	Mathew, Rooni	8/18/2012	2.00 3.00	164.00 164.00	328.00	
2219	Mathew, Rooni Mathew, Rooni	8/18/2012 8/18/2012	1.50	164.00	492.00 246.00	
2219	Mathew, Rooni	8/25/2012	2.00	164.00	328.00	
2219	Mathew, Rooni	8/25/2012	4.00	164.00	656.00	
2219	Mathew, Rooni	8/25/2012	2.00	164.00	328.00	
Support Staf	f Engineer					
2301	Manian, Dinesh	8/4/2012	16.00	90.00	1,440.00	
2301	Manian, Dinesh	8/11/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/11/2012	8.00	90.00	720.00	
2301	Manian, Dinesh	8/18/2012	8.00	90.00	720.00	
2301 2301	Manian, Dinesh Manian, Dinesh	8/25/2012 8/25/2012	8.00 16.00	90.00 90.00	720.00 1,440.00	
Totals	Wallan, Dinesii	0/23/2012	95.00	30.00	10,844.00	
Total Labor			00.00		, 0,0 / ///00	10,844.00
				Total t	this Task	\$10,844.00
				, otal (ino ruok	\$10,044.00
Task	07	LPR/NB Contaiminant	Fate and Trans	port Modeling		
	l Personnel					
			Hours	Rate	Amount	
Engineer/Sci		011/00:5		404.00	22:22	
2219	Mathew, Rooni	8/4/2012	6.00	164.00	984.00	
2219 2219	Mathew, Rooni	8/4/2012 8/4/2012	8.50 8.00	164.00 164.00	1,394.00	
2219	Mathew, Rooni Mathew, Rooni	8/4/2012 8/4/2012	8.00 5.50	164.00	1,312.00 902.00	
2219	Mathew, Rooni	8/4/2012	8.00	164.00	1,312.00	
2219	Mathew, Rooni	8/4/2012	7.00	164.00	1,148.00	
2219	Mathew, Rooni	8/11/2012	8.50	164.00	1,394.00	
2219	Mathew, Rooni	8/11/2012	7.50	164.00	1,230.00	
2219	Mathew, Rooni	8/11/2012	5.00	164.00	820.00	
2219	Mathew, Rooni	8/11/2012	4.00	164.00	656.00	
2219	Mathew, Rooni	8/18/2012	2.00	164.00	328.00	
2219	Mathew, Rooni	8/18/2012	3.00	164.00	492.00	
2219 2219	Mathew, Rooni Mathew, Rooni	8/18/2012 8/18/2012	2.00 2.00	164.00 164.00	328.00 328.00	
2219	Mathew, Rooni	8/25/2012	3.00	164.00	492.00	
2219	Mathew, Rooni	8/25/2012	2.00	164.00	328.00	
2219	Mathew, Rooni	8/25/2012	1.00	164.00	164.00	
2219	Mathew, Rooni	8/25/2012	1.00	164.00	164.00	
	· ·					

				Total thi	s Report	\$76,768.00
				Total this	s Project	\$76,768.00
				Total th	is Phase	\$76,768.00
				Total t	his Task	\$1,394.00
Total Labor						1,394.00
Totals			8.50		1,394.00	
2219	Mathew, Rooni	8/18/2012	1.00	164.00	164.00	
2219	Mathew, Rooni	8/18/2012	.50	164.00	82.00	
2219	Mathew, Rooni	8/11/2012	1.00	164.00	164.00	
2219	Mathew, Rooni	8/11/2012	5.00	164.00	820.00	
2219	Mathew, Rooni	8/4/2012	1.00	164.00	164.00	
Engineer/Sci	iontist II		Hours	Rate	Amount	
Protessiona	I Personnel			P-4-	A *	
Task	10	Computer Support				
		Computer Constant				
				iotal t	his Task	\$5,874.00
				T-4-14	bio Took	
Total Labor			00.00		0,017.00	5,874.00
Totals	wattew, Room	0/20/2012	33.00	104.00	5,874.00	
2219 2219	Mathew, Rooni Mathew, Rooni	8/25/2012 8/25/2012	4.00 2.00	164.00 164.00	656.00 328.00	
2219	Mathew, Rooni	8/25/2012	2.50	164.00	410.00	
2219	Mathew, Rooni	8/25/2012	1.50	164.00	246.00	
2219	Mathew, Rooni	8/18/2012	1.00	164.00	164.00	
Engineer/Sc						
1548	Canizares, Rafael	8/25/2012	8.00	185.00	1,480.00	
1548	Canizares, Rafael	8/18/2012	14.00	185.00	2,590.00	
Engineer/Sc	ientist III		Hours	Rate	Amount	
riviessiona	ii reisuillel		Houre	Data	Amount	
	I Personnel	Developing LEIVIND MC	Jacing 101113	COVV, Scriedule	and budget	
- Task		Developing LPR/NB Mo	odeling TOM3	SOW Schedule	and Budget	
				iotai t	ans idan	₩JZ,420.UU
				Total t	his Task	\$32,426.00
Total Labor					, .20.00	32,426.00
Totals	Along, in	0/20/2012	246.50	117.00	32,426.00	
2403	Xiong, Yi Xiong, Yi	8/25/2012 8/25/2012	8.00 8.00	114.00	912.00 912.00	
2403 2403	Xiong, Yi	8/25/2012 8/25/2012	8.00 8.00	114.00 114.00	912.00	
2403	Xiong, Yi	8/25/2012	8.00	114.00	912.00	
2403	Xiong, Yi	8/25/2012	8.00	114.00	912.00	
2403	Xiong, Yi	8/18/2012	8.00	114.00	912.00	
2403	Xiong, Yi	8/18/2012	8.00	114.00	912.00	
2403	Xiong, Yi	8/18/2012	8.00	114.00	912.00	
2403	Xiong, Yi Xiong, Yi	8/18/2012	8.00 8.00	114.00	912.00	
2403 2403	Xiong, Yi Xiong, Yi	8/11/2012 8/18/2012	8.00 8.00	114.00 114.00	912.00 912.00	
2403 2403	Xiong, Yi	8/11/2012 8/11/2012	8.00 8.00	114.00 114.00	912.00 912.00	
2403	Xiong, Yi	8/11/2012	8.00	114.00	912.00	
2403	Xiong, Yi	8/11/2012	8.00	114.00	912.00	
2403	Xiong, Yi	8/11/2012	8.00	114.00	912.00	
2403	Xiong, Yi	8/4/2012	8.00	114.00	912.00	
2403	Xiong, Yi	8/4/2012	8.00	114.00	912.00	
2403	Xiong, Yi	8/4/2012	8.00	114.00	912.00	
2403 2403	Xiong, Yi Xiong, Yi	8/4/2012 8/4/2012	8.00 8.00	114.00	912.00 912.00	
Staff Engine		9/4/2012	9.00	114.00	012.00	
2219	Mathew, Rooni	8/25/2012	2.50	164.00	410.00	





(212) 768-7454 Fax (212) 768-7936

Detailed Description of work done by M&N personnel associated to the LPR/NB Modeling Program Task Order Memoranda 5 - Scope of Work for the period 07/29/2012 to 08/25/2012 M&N Project No. 6664

Hydrodynamics Principal Investigator - Rafael Cañizares.

Task 1 – Project	Internal coordination with Deltares and M&N
Management	Calls and Coordination with Project Coordinator including prepare material such as Dash Board reports. Prepare and review invoices including revision of Deltares budget and invoices Prepare for Modeling transfer meeting with PC and AQEA
	Internal coordination. with Project Coordinator for Han Winterwerp visit to NY
Task 4 – LPR/NB Hydrodynamic Model	Address comments and finalize modeling update presentation for TC meeting
	Prepare modeling update presentation for TC meeting
	Prepare Modeling transfer meeting with Project Coordinator and AQEA
Task 8 – Developing	Development of new combined SOW and budget for new
LPR/NB Modeling TOM6	Modeling Team
SOW, Schedule and Budget	Conference calls with AQEA to discuss SOW and task distribution

Rooni Mathew.

Task 2 – Data Analysis	Discuss with HQI potential effect from weekend storm on low-flow event, develop HD/ST sensitivity runs to examine potential effect Review HD/ST sensitivity runs to examine potential effect of weekend storms on planned low-flow event, discuss with HQI Review and send shear stress maps to Windward, review SSP data analysis High-vol QAPP response to AECOM Review PWCM data and prior analysis Discuss list of COPC patterns with D.Manian Review CWCM low-flow/spring-tide event plan, review SSP data analysis, develop. list of COPC patterns and discuss with R.Canizares
Task 5 – LPR/NB	Attend TC meeting

Lower Passaic River Restoration Modeling Program M&N Project No. 6664



Sediment Transport	Debug tide BC for late 2005 spike, restart hydro runs for
Modeling	gem_tran
	Edit presentation for TC meeting per John Connolly and Rob
	Law comments
	Review sensitivity run with less frequent consol. model calls
	Develop presentation for modeling meeting AQEA/dmi/mab
	Discuss skin friction calculations with Windward, review
	instabilities in projection runs, review crash with HQI ST
	runs, correct run script and restart FFS Alt 3 run
	Review Irene and Mar 2010 skin frictions for MG, review
	instability bug/cause in projection run
	Review tide BC in 2005, redo hydro runs
	Develop ST calibration/validation task list, code changes and
	run for non-cohesive routines consistency with CPG GSD
	Review changes to script for EPA ST run, review output
	Review new calibration runs status
	Debug crashes with EPAruns, and FFS Alt 3 run
	Debug ST run crash with EPA ST post-dredge run, review ST
	model results to support RCA tidal pumping debugging
	efforts
	Review ST model status with H. Winterwerp
Task 7 – LPR/NB	Attend TC meeting, implement fluff layer in RCATOX
Contaminate Fate and	Edit presentation for TC meeting per J. Connolly and R.Law
Transport Modeling	comments, review RCATOX sensitivity runs, develop HSED
	MIN/MAX sensitivity run
	Final code changes for bed layering, code changes to output
	exact 6" depth-interval concentration
	Implement fluff layer in RCATOX, start final runs for TCDD
	with original and rev codes
	Review RCATOX sensitivity runs, review bed mass balance
	for revised code (COPC mass, bed thickness)
	Start PCB77 and Hg bed layering sensitivity runs, debug bed
	COPC spike in late 2005, Implement fluff layer in RCATOX
	Develop presentation for modeling meeting with
	AQEA/dmi/mab
	Attend Modeling meeting with AQEA/dmi/mab
	Review Hg model setup changes, review Hg runtime test
	results, send model BCs to AQEA, compile code/inputs for
	AQEA
	Review mercury model setup with Y.Xiong, develop. list of
	ongoing/proposed tasks for AQEA
	Review code changes for tidal pumping loss debugging
	Review mercury changes and results, review
	problem/debugging w YX for tidal pumping loss in runs with
	no mixing to top layer
	Review mercury code/input changes



Review mercury runtime debugging		
Conference call with AQEA to discuss CFT SOW, discuss		
CFT status with L. Postma		
Review model debugging for tidal pumping loss		
Review RCATOX tidal pumping debugging efforts		
Review RCATOX tidal pumping debugging efforts, discuss		
analysis of final Hg run w Y.Xiong		
Review RCATOX tidal pumping debugging efforts, review		
final Hg runs corr. for runtime issues		
Review SOW for new TOM		
Conference call to discuss SOW w AQEA		
Develop list of ongoing and proposed modeling tasks and		
send to AQEA		
Review and edit new SOW with additional detail on ST		
tasks		
Debug 3rd HDD not visible on new machines		
Debug hard disk issues w HP tech support, upgrade BIOS, etc		
Discuss hard disk issue w HP technician & review fix		
Correct ports for 3rd hard-disk on new machines		
Mount new hard disks on new machines and network to entire		
Linux network		

Dinesh Manian

T 10 D () 1	CITICAL 1			
Task 2 – Data Analysis	CWCM data analysis (first 3 deployments): Updating maps			
	with revised station coordinates from AECOM; Classifying			
	data in plots based on how measurements were flagged			
	CWCM monitoring design: Predicting effect of a short			
	duration 2500 cfs flood on the salinity front and TSS in the			
	river, and also on gross bed erosion and deposition;			
	CWCM monitoring design: Predicting effect of a short			
	duration 2500 cfs flood on the salinity front in the river;			
	Making simulations with different storm durations and			
	occurring at different phases of tide to see impact on salinity;			
Task 3 – System	Support for Marcia and Windward: Extracting maximum			
Understanding	model skin friction for Mar2010 and Irene storm events;			
	Extracting long term average shear stress based on 20 yr			
	hindcast estimates			
	Using updated post-dredge 1949 bathymetry to plot transects,			
	and to re-delineate contaminant groups.			
	Using updated post-dredge 1949 bathymetry to re-delineate			
	contaminant groups.			
	Delineation of contaminant groups based on historical bathy;			
	Analysis of contaminant cores from 1995,08-09 and 2012			
	datasets; Understanding contaminant distribution;			

Lower Passaic River Restoration Modeling Program M&N Project No. 6664



	Delineation of contaminant groups based on updated		
	historical bathy; Analysis of contaminant cores from		
	1995,08-09 and 2012 datasets; Understanding contaminant		
	distribution;		
	Delineation of contaminant groups based on updated updated		
	historical bathy; Analysis of contaminant cores from		
	1995,08-09 and 2012 datasets; Understanding contaminant		
	distribution;		
	Investigating exceptions and outliers in the contaminant		
	distribution; Effect of now demolished bridge on		
	sedimentation in the 60s between RM4.5-5		
	Plots of contaminant concentrations against historical bathy		
	range, recent sedimentation (2007-2008), Cs peak and		
	percent fines to help explain the contaminant distribution		
Task 5 – LPR/NB Sediment	Testing consolidation code change to improve simulation		
Transport Modeling	time; Investigating possible error in code responsible for		
1	unstable bed behavior		
	Fixing code bug in sediment transport in wetting/drying		
	(external hydro)		
	Fixing code bug in sediment transport in wetting/drying;		
	Running long term sediment transport with HQI inputs and		
	code		
	Relaunching long term sedtran runs with code bug fixes and		
	speed-ups; Investigating effect of code changes on model		
	results;		
	Analysis of sediment budget/movement in the long and short		
	terms in the calibration run		
	Simulating 1949 post-dredge conditions using HQI code and		
	inputs; Running diagnostics to investigate erosion of the		
	consolidated layers in the M&N calibration run		
	consolicated tayous in the interior canonation fun		

Yi Xiong

Task 7 – LPR/NB Contaminate Fate and	Boundary TCDD Mass calculation; Boundary TSS mass calculation.
Transport Modeling	calculate the top 6" average TCDD for cell (16,100); whole
	domain; whole navigation channel; lower miles navigation channel.
	Do bed cohesive and noncohesive sediment 15 year change;
	do 15 hear boundary tedd mass inflow and outflow.
	Do the calculation for Cs; check the boundary TCDD mass and boundary TSS mass.
	Mass balance check for revised code run; Select cell 16,100
	for the particle mixing rate test; do tedd 15 year mass change
	in bed.
	Discuss the Mercury simulations and code; do more run test.



Test Mercury run and try to get Hg output when set only one	
active metal. Do some research on metal speciation in	
RCATOX.	
Work on a Mercury Test Runs to test the runtime.	
Work on excel spread and run the scripts to generate output	

Work on excel spread and run the scripts to generate output data; correct linux scripts; revise excel spreadsheet for mass balance calculation.

Work on linux script for generating sediment bed contaminant mass, 6" averaged concentration, and deposition erosion diffusion mass transfer.

Check the Hg run results. Set up a program to get the important outputs.

Discuss the 17,139 simulation results; modify the code to get outputs for future analysis.

Modify the input generation program and re-generate MERCURY input files;

Modify the RCATOX code; Testing; Launch 3 runs (original, revised, and revised without top layer particle mixing). Modify the subroutine CHEMICALS, re-compile the RCATOX code; do a series of tests to check the results against previous runs.

Create an output file to get some time series of a few parameters; Debug the output program.

Further modify the plots; Try to give some explanations. Update 15-year Mercury plots; Explain 6" TCDD MATLAB plots.

Verify the outputs; Plot the outputs in MATLAB. Work on MATLAB plots; further explain the 6" TCDD concentration trend.

Yelena Chibisova (CAD)

Task 2 – Data Analysis	Digitize historical bathymetries 1949 and 1932 post dredged
	from RM 5.5 to RM 8